

## M 5.6, 17 km SW of Andacollo, Argentina

Origin Time: 2021-04-29 02:17:16 UTC (Wed 23:17:16 local)

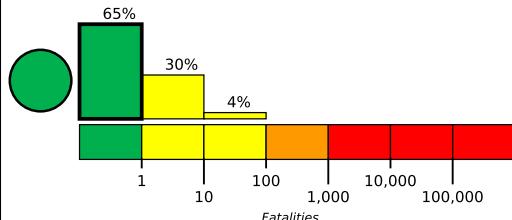
Location: 37.2974° S 70.8048° W Depth: 132.1 km

PAGER  
Version 6

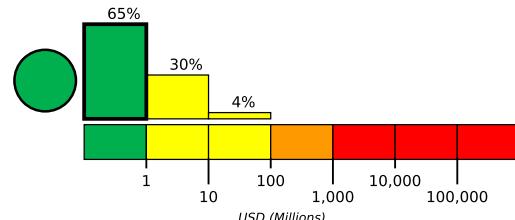
Created: 4 days, 19 hours after earthquake

### Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



### Estimated Economic Losses

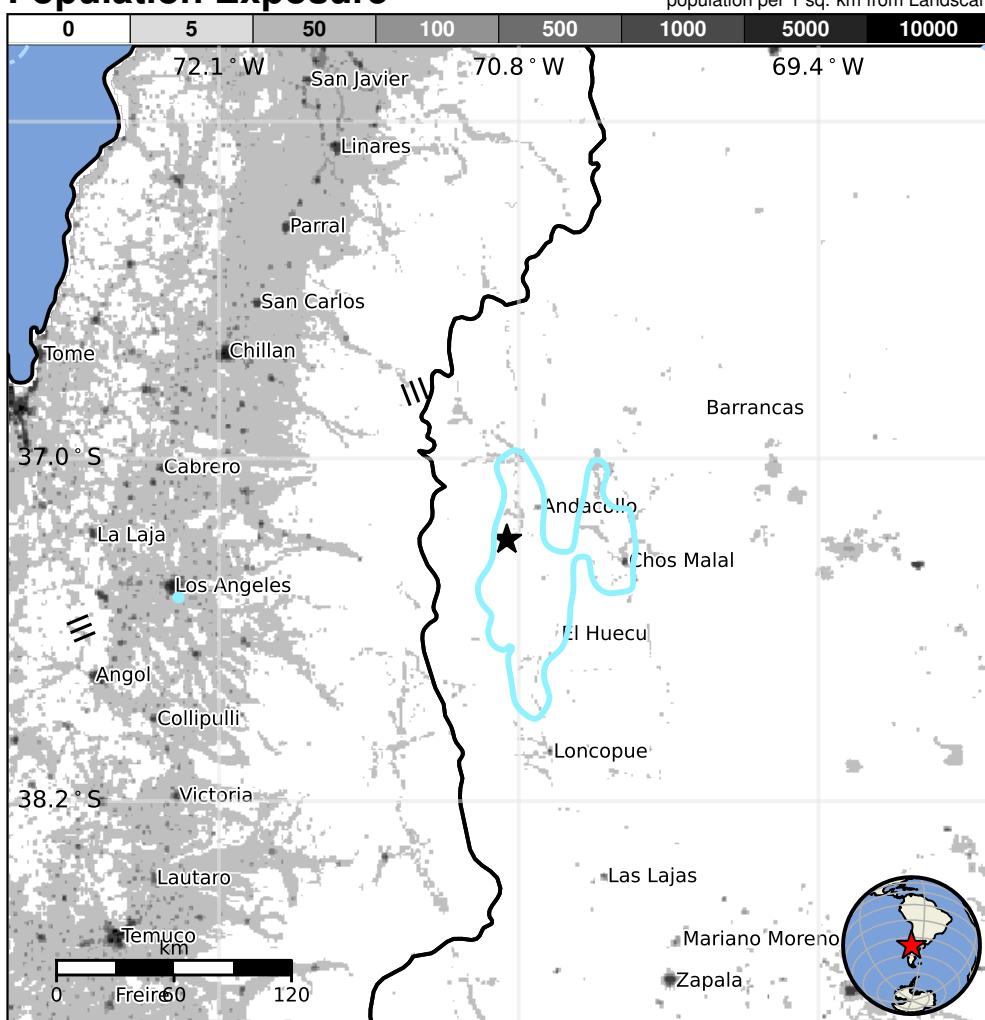


### Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	-*	2,909k	177k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

### Population Exposure



### Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are adobe block and rubble/field stone masonry construction.

### Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1985-04-09	359	7.1	VIII(75k)	0
1960-05-22	226	9.6	IX(227k)	-
1960-05-22	226	9.6	IX(227k)	0

### Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Andacollo	3k
IV	Las Ovejas	1k
IV	El Huecu	1k
IV	Chos Malal	12k
IV	Los Angeles	125k
III	Loncopue	4k
III	Chillan	150k
III	Linares	70k
III	Chiguayante	83k
III	Concepcion	215k
III	Temuco	238k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000dydz#pager>

bold cities appear on map.

(k=x1000)

Event ID: us7000dydz